

**NATIONAL PROGRAMME FOR CONTROL OF
BLINDNESS**

GOI - DANIDA JOINT MID-TERM REVIEW

**KARNATAKA STATE PROFILE
AUGUST - 2000**

**STATE OPHTHALMIC CELL
GOVERNMENT OF KARNATAKA
ANANDARAO CIRCLE
BANGALORE - 560 009.
Tel : 91-80-2875909**

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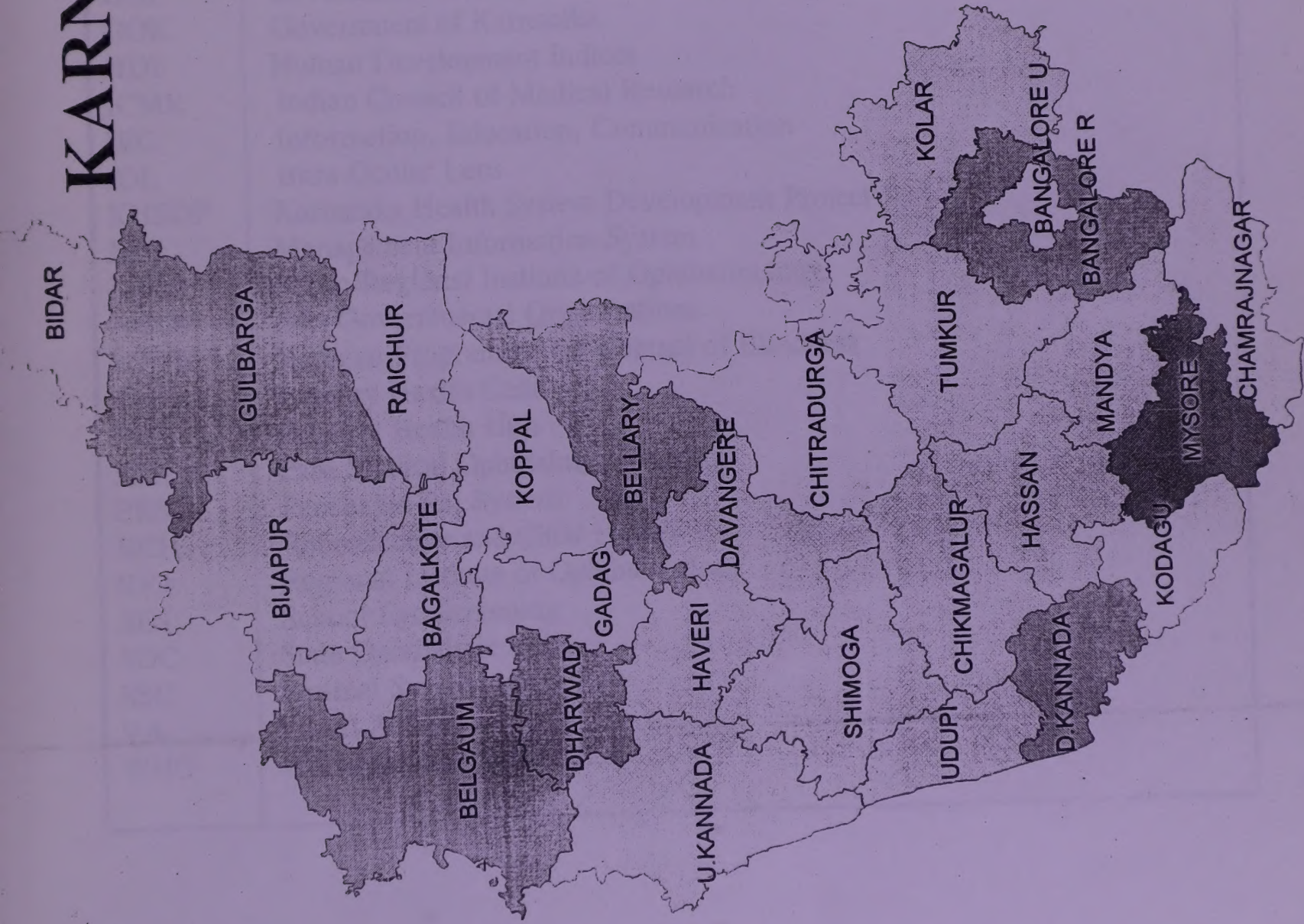
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KARNATAKA STATE



KEY WORDS

CSR	Cataract Surgical Record
CSS	Centrally Sponsored Scheme
DANPCB	Danish Assistance to the National Programme for Control of Blindness
DBCS	District Blindness Control Society
DFID	Department for Institutional Development
DH	District Hospital
DHFWS	Directorate of Health and Family welfare services
DMOU	District Mobile Ophthalmic Unit
DSU	Danida Support Unit
GOI	Government of India
GOK	Government of Karnataka
HDI	Human Development Indices
ICMR	Indian Council of Medical Research
IEC	Information, Education, Communication
IOL	Intra Ocular Lens
KHSDP	Karnataka Health System Development Project
MIS	Management Information System
MRIO	Minto Regional Institute of Ophthalmology
NGOs	Non Governmental Organisations
NPCB	National Programme for Control of Blindness
PHC	Primary Health Centre
PHU	Primary Health Unit
PMOA	Para Medical Ophthalmic Assistant
PRS	Panchayat Raj System
RCH	Reproductive and Child Health
RIO	Regional Institute of Ophthalmology
SES	School Eye Screening
SOC	State Ophthalmic Cell
SSU	Sentinal Surveillance Unit
VA	Visual Acuity
WHO	World Health Organisation

NATIONAL PROGRAMME FOR CONTROL OF BLINDNESS IN KARNATAKA STATE

1. Introduction:

The Government of India in 1963 undertook the first organized effort towards backlog of blindness on a national scale by the launching of a National Programme for Trachoma Control. In 1976, it was redesignated as **National Programme for Control of Blindness**. It was included in the Twenty Point Socioeconomic programme to be reviewed at the highest level of the executive in the country. The NPCB-WHO survey (1986-87) showed 12 million people blind in India (Visual Acuity less than 6/60) and 81% of them from the treatable cause of cataract. These results provided focus for the Programme in the last decade and that was to reduce the backlog due to cataract both in terms of quantity of cataract surgery and also on quality of visual outcome.

2. State Profile

Karnataka (formerly known as Mysore) state is one of the oldest states in India. Historically and in epics, this state has found mention in several instances. It is the eighth largest state in area and population in the country. The population according to 1991 Census was 45 million (5.83% of India's population) 31 per cent live in urban areas. Agriculture is the major occupation in the state and it is also rich in its minerals and cash crops like coffee, coconut and areca nut. There are 27 districts in the state under 4 divisions. The state is above the average Indian State in terms of its Human development indices (HDI). The state health administration is similar to Indian union administration with a ministry and a directorate. A senior secretary heads the ministry and the directorate is by a director. There is also a Health Commissioner in Karnataka recently introduced for administrative support. All of them come under the health ministry headed by a minister of cabinet rank. Karnataka also has a unique and pioneering attempt of Panchayat Raj System (PRS), which manages the district level management of health care institutions except district hospitals. The state spends over Rs.5600 million per annum on health plan and non-plans. Approximately 22000 people are covered under one PHC, averaging 4.64 PHC per 100,000 population. Over 8000 sub centers cater to an average of 4200 people in the state. The state has the largest share of private medical colleges next only to Maharashtra.

3. Objective:

The Programme aims at reduction in the prevalence of the blindness from 1.4% to 0.3% by 2000 A.D. The main cause of blindness is cataract that accounts for over 81% of those blind. The population of Karnataka is 4.8 crores. The

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estimated prevalence is above 4.5 lakhs. To tackle this aspect following infrastructure was developed.

4. Infrastructure

A. STATE OPHTHALMIC CELL (SOC)

The State Ophthalmic Cell as per the GOI guidelines has been created to plan, monitor and to evaluate the programme with the following staff. The staff included a Joint Director (Ophthalmology), Assistant Statistical Officer, Stenographer Grade - J, Second Division Assistant, Driver and a Group ' D'. The SOC is supported by the CSS under GOI. The SOC has been recently further strengthened by integrating the DANPCB - DSU office at Bangalore. The support staff are retained for continuity. A national consultant is replacing the SPC. Efforts are on to employ the support staff of DSU, Bangalore as contract staff under NPCB as the sanctioned post are not getting suitable staff in the support services. With the integration locally and support from the DSU, Delhi, the SOC has been reactivated in project monitoring and implementation. A full time joint director is in place.

B. MINTO REGIONAL INSTITUTE OF OPHTHALMOLOGY (MRIO)

A multi specialty Ophthalmic Hospital, Bangalore attached to Bangalore Medical College has been upgraded as Regional Institute of Ophthalmology as per GOI norms to provide advanced eye health care to community and training to eye surgeons. The MRIO is over 100 years old and DANPCB has been regularly upgrading the centre. A visit to the centre is due by the MTR team and more details will follow at that time.

C. UPGRADATION OF MEDICAL COLLEGES

Karnataka is one of the few states where the medical schools are plenty and provide quality care and teaching. There are 23 schools in the state. Five medical colleges have been upgraded to provide high quality training and clinical ophthalmic service. Qualified Super specialists are working in this institution they are

- a. JJM Medical College Davenagere
- b. J.N.Medical College Belgaum
- c. KMC Hubli
- d. Medical College, Mysore
- e. Medical College, Bellary

D. UPGRADATION OF DISTRICT HOSPITAL

All the 27 district hospitals of Karnataka have been developed to provide surgical/clinical ophthalmic services with Ophthalmic surgeons and Paramedical Ophthalmic Assistants (PMOAs) as per GOI norms. These District Hospital have been provided with a separate operation theatre funded by KHSDP and are being provided with equipment for high quality and high volume service delivery.

E. UPGRADATION OF GENERAL HOSPITAL

The state has six taluk level hospitals upgraded as general hospital status to provided clinical and surgical Ophthalmic services to rural communities with an ophthalmic surgeon and Paramedical Ophthalmic Assistants

F. UPGRADATION OF DISTRICT MOBILE OPHTHALMIC UNITS (DMU)

31 District Mobile Ophthalmic units are functioning in the State to provide curative, promotive and surgical facilities to rural and tribal communities by adopting hitherto camp approach. Each Mobile unit has one Ophthalmic surgeon, a Health Education officer, Staff Nurse, Paramedical Ophthalmic Assistants, Driver and a Group 'D' staff.

G. UPGRADATION OF PRIMARY HEALTH CENTRES

416 PHC's were developed with a creation of one ophthalmic assistant post to give primary eye health care facilities to the rural community. An extra 99 posts for ophthalmic assistant were developed for the general and taluk level hospitals.

5. EYE BANK

Three eye banks are functioning at Minto Hospital, Bangalore. K.R. Hospital, Mysore and District Hospital, Belgaum to provide cornea grafting services with super specialists. There is also a the Lions West Eye Hospital and Cornea grafting center

6. MANPOWER AND TRAINING

a. Ophthalmic Surgeons:

The state has over 670 eye surgeons in all sectors combined. Though there are

few dedicated tertiary eye care hospitals; almost all districts have on average 2 eye surgeons in the Government Sector. Under the quality improvement programme for microsurgery in IOL, 27 Eye surgeons are undergone IOL training up to Jan.99

b. Para-Medical Ophthalmic Assistants (PMOAs)

Under National Programme for Control of Blindness, Paramedical Ophthalmic Assistants training has been started in four Government Medical Colleges. They are Minto Eye Hospital, Bangalore / K.R. Hospital, Mysore / KIMS, Hubli / VIMS, Bellary. In each training School 15 students were under training. The syllabus was revised and adopted by the state Govt. Para Medical board. There at present over 316 PMOAs in the state. As a part of PHC strategy, the local health centres and hospital support staff assist the NPCB.

7. DBCS IN KARNATAKA

Karnataka state is one of the first states to start the DBCS in the country under DANIDA support in 1990. In 1994, all the 20 districts had a fully functional DBCS and a DPM. As per the revised policy of GOI, the present DPMs have been replaced by a system person. In this state, it has been decided to make the district Leprosy officer (DLO) to work as DPM with additional charge.

8. CATARACT SURGICAL PERFORMANCE

The cataract surgeries are done regularly in all districts with the help of district hospitals, DMUs, NGOs and by private eye surgeons. According to the rapid survey in 1995, the estimated load of backlog was around 500,000. The prevalence was in the range of 8% in persons above 50 years with a VA of <3/60. The state would require about 200,000 surgeries to be done each year accordingly. The target was fixed based on the criteria and as per GOI directives. About 90% of the target is achieved on an average during the last 3 - 4 years. Nearly 50% of the surgeries are done in private sector. (see annexure for details)

9. MICRO PLANNING

The GOI has suggested a micro plan strategy in 1997 - 98. As per the plans, all the districts have prepared action plans with essential components like resource mapping, cataract registry, base hospital surgical days and so on. As a special effort, two districts have been selected for intensive implementation of this plan with a hired consultant.

10. BUDGET ALLOCATION IN EYE CARE

The state allocates funds from its plan, non-plan and from the GOI. In addition, there is support in kind from other Externally Aided funds. About Rs. 30 million are allocated as cash grants for NPCB. This included DBCS funds as well.

11. IEC

The state has an IEC cell and produce several health education materials for all projects including NPCB. However, the NPCB also gets support from GOI by way of prototype materials for use. At local level, the DBCSs have IEC budget for local level expenses. Recently, the state has decided to integrate intensively the IEC work with the system.

12. MIS

The state perhaps has the best of data reporting formats from PMOA level to GOI level. Each month, quarter and annual reports are received and reviewed in the monthly meetings at all levels. The micro plan project has additional formats to follow-up the cataract patients at village level. The CSRs help in quality monitoring. A profile of surgeons is being prepared to plan manpower augmentation and capacity building.

13. SES

Out of 175 taluks, 109 of were covered by this programme sofar. Over 1.2 million students got benefited. The SES is now getting internalised as a part of RCH - school health activity. Pilot experiment is on, in one district.

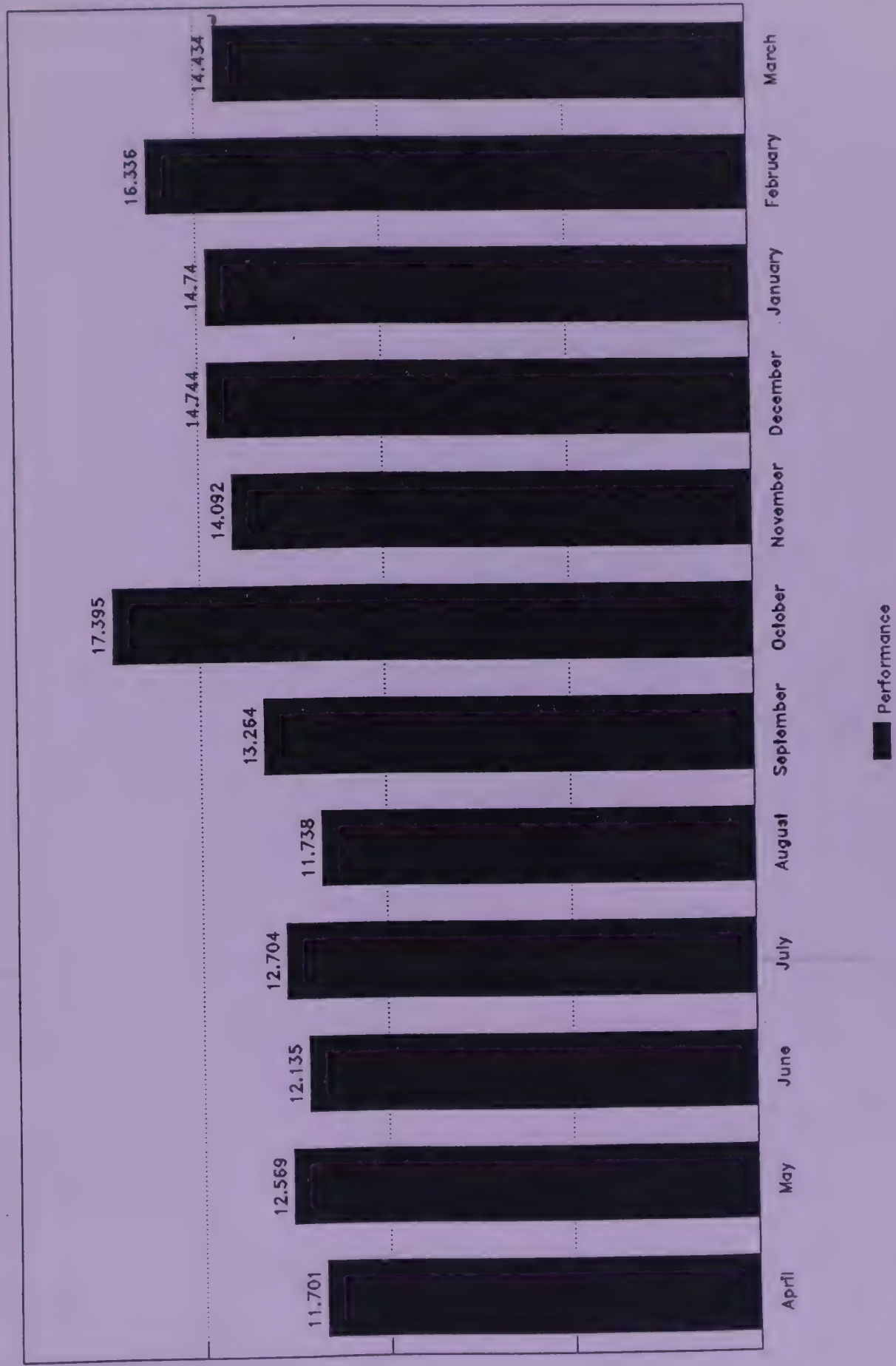
14. PROCUREMENT & UPGRADATION

The major equipments are supplied by GOI hitherto. The state is now working on major equipment support to all district hospitals for IOL capacity increase. Efforts are made not to duplicate procurement of items that are supplied by other projects like KHSDP. 4 medical colleges were already upgraded and new proposals are being planned for other tertiary care and taluk level centers.

- e. Upgrade taluk level fixed facilities
- f. Conduct operational research on the reach and impact of NPCB in rural areas.
- g. Health system skill development to GOK officers
- h. Support NGOs (one per district) for upgrading their eye care facilities through non-recurring grants.

CATARACT PERFORMANCE -- MONTHWISE

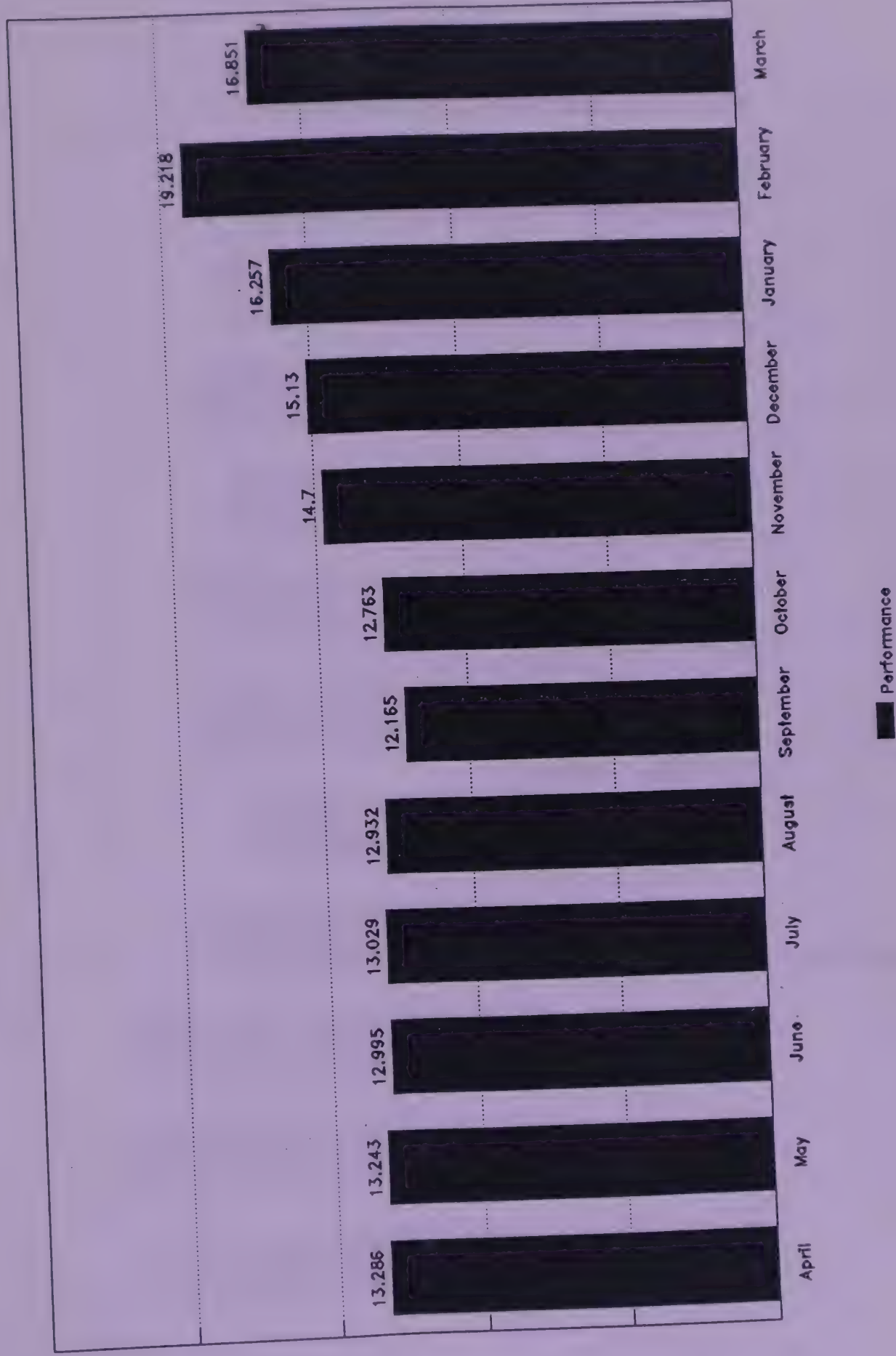
1997-1998



TOTAL 165852

CATARACT PERFORMANCE -- MONTHWISE

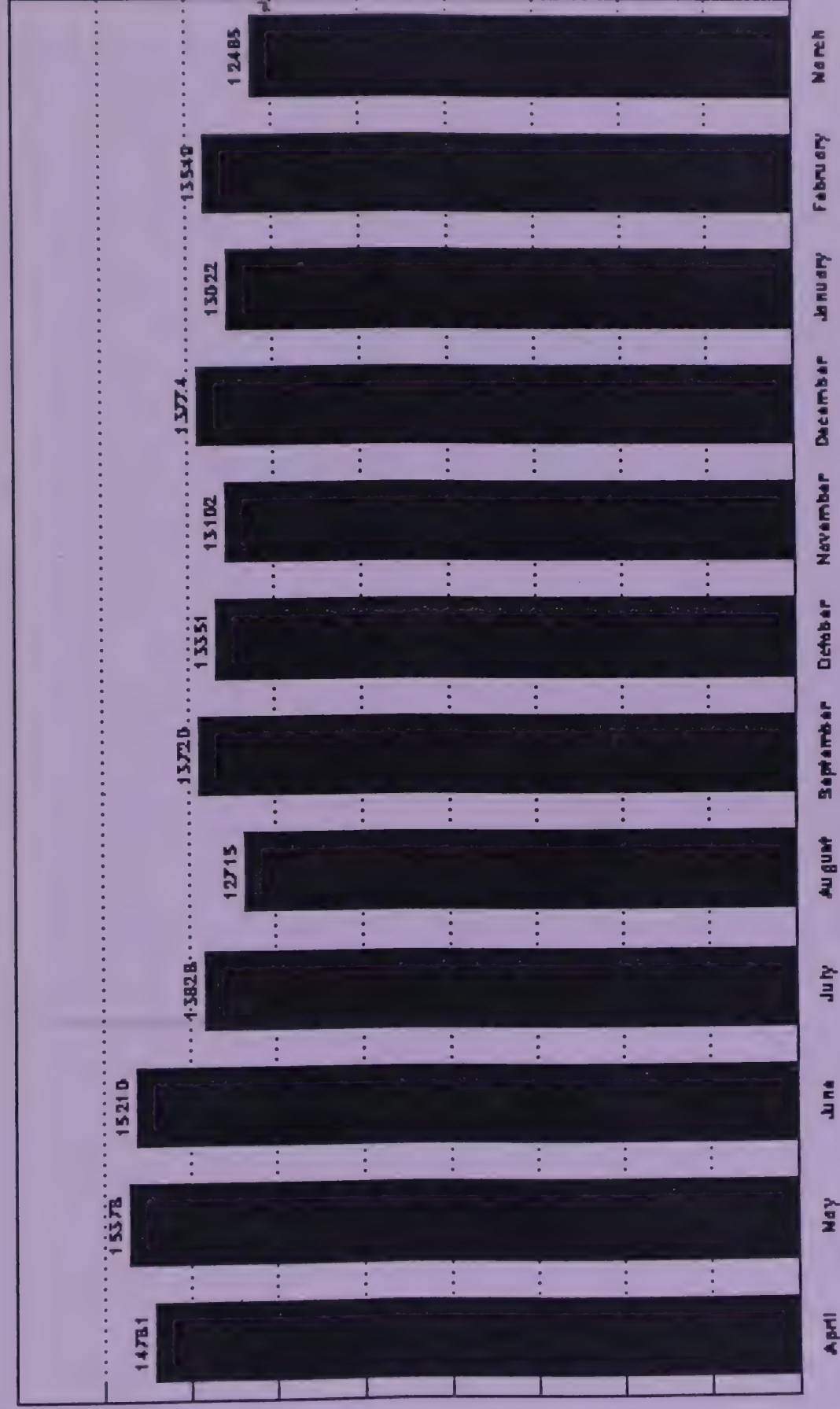
1998-1999



TOTAL 172569

CATARACT PERFORMANCE -- MONTHWISE

1999-2000



■ Performance

TOTAL 185358

NATIONAL PROGRAMME FOR CONTROL OF BLINDNESS

CATOPS PERFORMANCE DETAILS - MONTH WISE (1999-2000)

(1st April'99 to 31st Mar'2000)

TABLE 1

Date: April 14, 2000

DISTRICT	Target	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Bangalore R	7000	633	608	563	676	486	497	534	444	585	427	534	418	6405	92
Bangalore U	56200	5028	4994	5198	4992	5043	4898	4460	4698	4933	4798	4697	4525	58264	104
Chitradurga	4000	259	191	482	44	123	181	73	89	158	47	92	103	1842	46
Davanagere	6300	286	472	334	315	318	255	409	294	177	264	220	179	3523	56
Kolar	6500	355	395	406	395	361	432	267	367	265	164	216	196	3819	59
Shimoga	5000	463	548	325	329	288	272	384	344	330	415	374	415	4487	90
Tumkur	6400	544	577	337	282	317	367	337	420	492	322	381	234	4610	72
Division Total	91400	7568	7785	7645	7033	6936	6902	6464	6656	6940	6437	6514	6070	82950	91
Mysore	11000	995	905	1048	822	749	793	819	1024	909	808	1073	878	10823	98
Chamarajanaga	3500	95	48	63	41	117	38	60	16	15	62	60	17	632	18
Chikmagalur	3500	216	151	242	214	202	170	204	231	235	245	252	265	2627	75
D.Kannada	9000	458	496	467	399	478	575	705	688	707	686	766	815	7240	80
Udupi	3000	365	353	343	431	367	305	243	297	248	223	170	165	3510	117
Hassan	4100	245	246	452	270	262	538	292	429	340	398	309	270	4051	99
Kodagu	800	2	7	5	8	2	7	24	119	16	50	30	88	358	45
Mandya	6400	302	374	249	303	281	288	325	207	324	235	225	210	3323	52
Division Total	41300	2678	2580	2869	2488	2458	2714	2672	3011	2794	2707	2885	2708	32564	79
Belgaum	13000	985	1032	1055	954	626	543	561	110	80	71	342	216	6575	51
Bijapur	7000	347	442	417	416	306	285	282	274	279	383	299	318	4048	58
Bagalkote	3800	349	362	414	370	339	220	211	289	299	361	343	344	3901	103
Dharwad	9000	834	882	836	650	635	925	955	761	776	765	740	816	9575	106
Gadag	3500	387	189	136	70	54	60	102	94	159	99	139	63	1552	44
Haveri	4000	29	172	90	30	22	223	150	110	190	510	488	180	2194	55
U.Kannada	3200	159	131	152	176	114	168	206	315	427	272	167	231	2518	79
Division Total	43500	3090	3210	3100	2666	2096	2424	2467	1953	2210	2461	2518	2168	30363	70
Gulbarga	7000	476	532	534	451	441	578	762	598	801	719	687	592	7171	102
Bellary	7000	501	586	503	422	290	369	493	252	356	300	572	443	5087	73
Bidar	4300	212	214	210	270	244	270	239	331	433	291	269	306	3289	76
Raichur	3500	132	284	175	112	132	279	136	175	131	234	185	210	2185	62
Koppal	2000	124	187	174	186	118	184	118	126	109	137	139	147	1749	87
Division Total	23800	1445	1803	1596	1441	1225	1680	1748	1482	1830	1681	1852	1698	19481	82
State Total	200000	14781	15378	15210	13628	12715	13720	13351	13102	13774	13286	13769	12644	165358	83

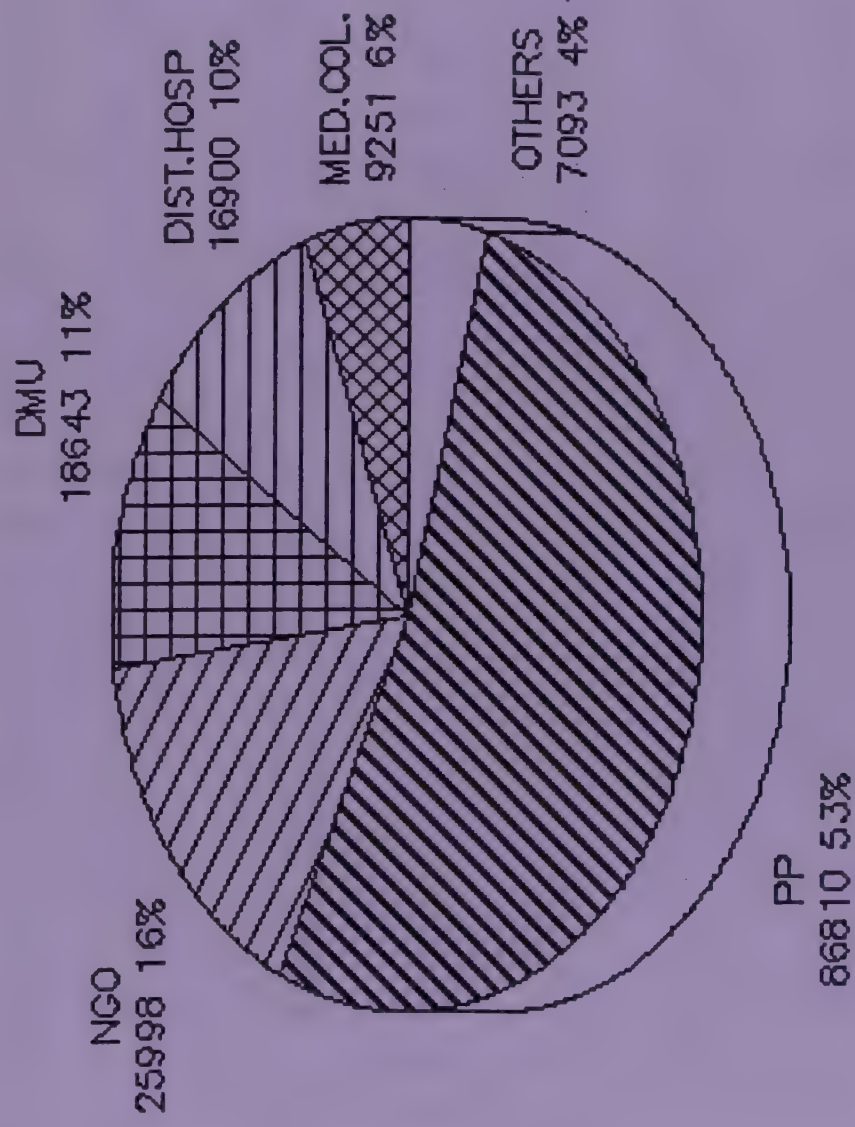
NATIONAL PROGRAMME FOR CONTROL OF BLINDNESS
UNIT WISE COMPARISON OF CATOPS BY DISTRICT : KARNATAKA 1999-2000
(1st April'99 to 31st Mar'2000)

TABLE 2

Date: April 14, 2000

DISTRICT	Total	Med. Col		Dist.Hosp		DMU		NGO		PP		Others	
	Catops	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Bangalore R	6,405	0	0.00	641	10.01	1495	23.34	2768	43.22	1004	15.68	497	7.76
Bangalore U	58,264	2150	3.69	9009	15.46	2129	3.65	4177	7.17	37505	64.37	3294	5.65
Chitradurga	1,842	0	0.00	283	15.36	1007	54.67	0	0.00	270	14.66	282	15.31
Davanagere	3,523	502	14.25	1008	28.61	690	19.59	218	6.19	1091	30.97	14	0.40
Kolar	3,819	163	4.27	413	10.81	151	3.95	1000	26.18	1490	39.02	602	15.76
Shimoga	4,487	0	0.00	932	20.77	606	13.51	527	11.75	1971	43.93	451	10.05
Tumkur	4,610	163	3.54	761	16.51	2482	53.84	0	0.00	1197	25.97	7	0.15
Division Total	82,950	2978	3.59	13047	15.73	8560	10.32	8690	10.48	44528	53.68	5147	6.20
Mysore	10,823	1498	13.84	0	0.00	754	6.97	5103	47.15	3454	31.91	14	0.13
Chamarajanagar	632	0	0.00	121	19.15	300	47.47	169	26.74	42	6.65	0	0.00
Chikmagalur	2,627	0	0.00	0	0.00	551	20.97	1156	44.00	770	29.31	150	5.71
D.Kannada	7,240	693	9.57	269	3.72	659	9.10	797	11.01	4822	66.60	0	0.00
Udupi	3,510	549	15.64	2	12.79	89	2.54	801	22.82	2069	58.95	0	0.00
Hassan	4,051	0	2.72	110	2.72	666	16.44	1352	33.37	994	24.54	929	22.93
Kodagu	358	0	0.00	62	17.32	92	25.70	204	56.98	0	0.00	0	0.00
Mandya	3,323	501	15.08	93	2.80	905	27.23	235	7.07	1589	47.82	0	0.00
Division Total	32,564	3241	9.95	657	2.02	4016	12.33	9817	30.15	13740	42.19	1093	3.36
Belgaum	6,575	74	1.13	1025	15.59	587	8.93	639	9.72	4209	64.02	41	0.62
Bijapur	4,048	504	12.45	366	9.04	711	17.56	0	0.00	2467	60.94	0	0.00
Bagalkote	3,901	0	0.00	175	4.49	504	12.92	0	0.00	3222	82.59	0	0.00
Dharwad	9,575	702	7.33	244	2.55	80	0.84	1559	16.28	6931	72.39	59	0.62
Gadag	1,552	0	0.00	71	4.57	176	11.34	572	36.86	709	45.68	24	1.55
Haveri	2,194	0	0.00	134	6.11	137	6.24	525	23.93	1398	63.72	0	0.00
U.Kannada	2,518	0	0.00	178	7.07	414	16.44	738	29.31	1188	47.18	0	0.00
Division Total	30,363	1,280	4.22	2,193	7.22	2,609	8.59	4,033	13.28	20,124	66.28	124	0.41
Gulbarga	7,171	687	9.58	360	5.02	727	10.14	955	13.32	3848	53.66	594	8.28
Bellary	5,087	1139	22.39	0	0.00	1468	28.86	835	16.41	1510	29.68	135	2.65
Bidar	3,289	0	0.00	462	14.05	738	22.44	775	23.56	1314	39.95	0	0.00
Raichur	2,185	0	0.00	332	15.19	613	28.05	67	3.07	1173	53.68	0	0.00
Koppal	1,749	0	0.00	135	7.72	215	12.29	826	47.23	573	32.76	0	0.00
Division Total	19,481	1826	9.37	1289	6.62	3761	19.31	3458	17.75	8418	43.21	729	3.74
State Total	165,358	9325	5.64	17186	10.39	18946	11.46	25998	15.72	86810	52.50	7093	4.29

UNITWISE COMPARISON OF CATARACT OPNS. KARNATAKA : 1999-2000



TOTAL : 165358

D A N P C B, D. S. U., B A N G A L O R E
NATIONAL PROGRAMME FOR CONTROL OF BLINDNESS
'TOTAL NO. OF CATOPS, % TARGET ACHVD, CATOPS/ 1000 AND
PERCENTAGE INCREASE/DECREASE 1999-2000 Vs 1998-99'

(1st April'99 to 31st Mar'2000)

TABLE 3

Date: April 14, 2000

Districts	Population	Target 1999-2000	Propnte. Target	Catops till Mar'2000	Catops till Mar'99	% +/-	% to Total Tgt	% to Prop. Tgt	Catops /1000
Bangalore R	1,790,281	7,000	7,000	6,405	6,872	-6.80	91.50	91.50	3.58
Bangalore U	5,177,109	56,200	56,200	58,264	57,773	0.85	103.67	103.67	11.25
Chitradurga	1,358,536	4,000	4,000	1,842	1,118	64.76	46.05	46.05	1.36
Davanagere	1,671,404	6,300	6,300	3,523	4,500	-21.71	55.92	55.92	2.11
Kolar	2,371,741	6,500	6,500	3,819	5,058	-24.50	58.75	58.75	1.61
Shimoga	1,585,108	5,000	5,000	4,487	4,338	3.43	89.74	89.74	2.83
Tumkur	2,649,057	6,400	6,400	4610	4,210	9.50	72.03	72.03	1.74
Division Total	16,603,236	91,400	91,400	82,950	83,869	-1.10	90.75	90.75	5.00
Mysore	2,618,936	11,000	11,000	10,823	10,785	157.08	98.39	98.39	4.13
Chamarajnagar	767,370	3,500	3,500	632	322	96.27	18.06	18.06	0.82
Chikmagalur	1,088,425	3,500	3,500	2,627	2,312	13.62	75.06	75.06	2.41
D.Kannada	1,887,512	9,000	9,000	7,240	6,162	17.49	80.44	80.44	3.84
Udupi	993,570	3,000	3,000	3,510	3,734	-6.00	117.00	117.00	3.53
Hassan	1,679,504	4,100	4,100	4,051	3,149	28.64	98.80	98.80	2.41
Kodagu	522,609	800	800	358	231	54.98	44.75	44.75	0.69
Mandya	1,759,444	6,400	6,400	3,323	3,873	-14.20	51.92	51.92	1.89
Division Total	11,317,370	41,300	41,300	32,564	30,568	6.53	78.85	78.85	2.88
Belgaum	3,832,954	13,000	13,000	6,575	13,654	-51.85	50.58	50.58	1.72
Bijapur	2,127,603	7,000	7,000	4048	4,807	-15.79	57.83	57.83	1.90
Bagalkote	1,005,229	3,800	3,800	3901	4,253	-8.28	102.66	102.66	3.88
Dharwad	1,619,807	9,000	9,000	9,575	10,808	-11.41	106.39	106.39	5.91
Gadag	859,000	3,500	3,500	1,552	2,686	-42.22	44.34	44.34	1.81
Haveri	1,269,200	4,000	4,000	2,194	1,851	18.53	54.85	54.85	1.73
U.Kannada	1,305,411	3,200	3,200	2,518	2,089	20.54	78.69	78.69	1.93
Division Total	12,019,204	43,500	43,500	30,363	40,148	-24.37	69.80	69.80	2.53
Gulbarga	2,762,708	7,000	7,000	7,171	5,761	24.47	102.44	102.44	2.60
Bellary	2,021,958	7,000	7,000	5,087	5,334	-4.63	72.67	72.67	2.52
Bidar	1,343,674	4,300	4,300	3,289	2,884	14.04	76.49	76.49	2.45
Raichur	1,477,991	3,500	3,500	2,185	2,250	-2.89	62.43	62.43	1.48
Koppal	993,024	2,000	2,000	1,749	1,765	-0.91	87.45	87.45	1.76
Division Total	8,599,355	23,800	23,800	19,481	17,994	8.26	81.85	81.85	2.27
State Total	48,539,165	200,000	200,000	165,358	172,579	-4.18	82.68	82.68	3.41

Months

12

National Programme for Control of Blindness
Rankwise Progress Report on Cataract operations
(1st Apr'99 to 31st Mar'2000)

TABLE 4

Date: April 14, 2000

Rank	Districts	Target 1999-2000	Achvment Mar'2000	% to Total Tgt	Prop. target	% to Prop. Tgt
1	Udupi	3,000	3,510	117.00	3,000	117.00
2	Dharwad	9,000	9,575	106.39	9,000	106.39
3	Bangalore U	56,200	58,264	103.67	56,200	103.67
4	Bagalkote	3,800	3,901	102.66	3,800	102.66
5	Gulbarga	7,000	7,171	102.44	7,000	102.44
6	Hassan	4,100	4,051	98.80	4,100	98.80
7	Mysore	11,000	10,823	98.39	11,000	98.39
8	Bangalore R	7,000	6,405	91.50	7,000	91.50
9	Shimoga	5,000	4,487	89.74	5,000	89.74
10	Koppal	2,000	1,749	87.45	2,000	87.45
11	D.Kannada	9,000	7,240	80.44	9,000	80.44
12	U.Kannada	3,200	2,518	78.69	3,200	78.69
13	Bidar	4,300	3,289	76.49	4,300	76.49
14	Chikmagalur	3,500	2,627	75.06	3,500	75.06
15	Bellary	7,000	5,087	72.67	7,000	72.67
16	Tumkur	6,400	4,610	72.03	6,400	72.03
17	Raichur	3,500	2,185	62.43	3,500	62.43
18	Kolar	6,500	3,819	58.75	6,500	58.75
19	Bijapur	7,000	4,048	57.83	7,000	57.83
20	Davangere	6,300	3,523	55.92	6,300	55.92
21	Haveri	4,000	2,194	54.85	4,000	54.85
22	Mandya	6,400	3,323	51.92	6,400	51.92
23	Belgaum	13,000	6,575	50.58	13,000	50.58
24	Chitradurga	4,000	1,842	46.05	4,000	46.05
25	Kodagu	800	358	44.75	800	44.75
26	Gadag	3,500	1,552	44.34	3,500	44.34
27	Chamarajanagar	3,500	632	18.06	3,500	18.06
	State Total	200,000	165,358	82.68	200,000	82.68

NATIONAL PROGRAMME FOR CONTROL OF BLINDNESS

DMUs and NGOs CAMPS BY DISTRICT: KARNATAKA 1999-2000

1st April'99 to 31st Mar'2000

Table 5

Date: June 8, 2000

DISTRICT	DMU			NGO			TOTAL		
	Camps	Catops	Catops/Camp	Camps	Catops	Catops/Camp	Camps	Catops	Catops/Camp
Bangalore R	36	1495	42	55	2768	50	91	4263	47
Bangalore U	107	2129	20	97	4177	43	204	6306	31
Chitradurga	14	1007	72	0	0	#DIV/0!	14	1007	72
Davanagere	11	690	63	3	218	73	14	908	65
Kolar	5	151	30	14	1000	71	19	1151	61
Shimoga	11	606	55	13	527	41	24	1133	47
Tumkur	48	2482	52	0	0	#DIV/0!	48	2482	52
Division Total	232	8560	37	182	8690	48	414	17250	42
Mysore	27	754	28	3	45	15	30	799	27
Chamarajnagar	9	300	33	1	7	7	10	307	31
Chikmagalur	21	551	26	28	1156	41	49	1707	35
D.Kannada	41	659	16	40	797	20	81	1456	18
Udupi	7	89	13	29	801	28	36	890	25
Hassan	45	666	15	29	1352	47	74	2018	27
Kodagu	5	92	18	5	113	23	10	205	21
Mandya	31	905	29	7	235	34	38	1140	30
Division Total	186	4016	22	142	4506	32	328	8522	26
Belgaum	26	587	23	21	639	30	47	1226	26
Bijapur	13	711	55	0	0	#DIV/0!	13	711	55
Bagalkote	16	504	32	0	0	#DIV/0!	16	504	32
Dharwad	3	80	27	35	1559	45	38	1639	43
Gadag	4	176	44	19	572	30	23	748	33
Haveri	3	137	46	7	525	75	10	662	66
U.Kannada	15	414	28	11	101	9	26	515	20
Division Total	80	2609	33	93	3396	37	173	6005	35
Gulbarga	30	727	24	27	955	35	57	1682	30
Bellary	25	1468	59	22	835	38	47	2303	49
Bidar	41	738	18	46	775	17	87	1513	17
Raichur	12	613	51	1	67	67	13	680	52
Koppal	4	215	54	16	826	52	20	1041	52
Division Total	112	3761	34	112	3458	31	224	7219	32
State Total	610	18946	31	529	20050	38	1139	38996	34

National Programme for Control of Blindness
DETAILS OF SCHOOL EYE SCREENING BY DISTRICT: KARNATAKA
upto March'2000

TABLE 6

Date : April 14, 2000

DISTRICTS	No. of Taluks	No. of Taluks Covered	No. of HPS Children	No. of Children cov.	% Coverage	No. of Specs Given
Bangalore R	8	7	71,132	53,562	75.30%	1,350
Bangalore U	3	2	186,578	120,163	64.40%	945
Chitradurga	6	5	105,080	117,621	111.93%	438
Davanagere	6	5	65,795	30,716	46.68%	672
Kolar	11	5	66,300	55,000	82.96%	1,133
Shimoga	7	4	80,278	30,999	38.61%	913
Tumkur	10	10	108,438	106,689	98.39%	368
Division Total	51	38	683,601	514,750	75.30%	5,819
Mysore	7	7	179,035	154,030	86.03%	897
Chamarajanagar	4	4	51,033	47,642	93.36%	309
Chikmagalur	7	5	47,575	40,183	84.46%	860
D.Kannada	5	5	114,630	101,394	88.45%	1,463
Udupi	3	3	59,091	47,728	80.77%	575
Hassan	8	2	17,867	180	1.01%	
Kodagu	3	3	44,802	38,731	86.45%	254
Mandya	7	7	151,256	52,001	34.38%	544
Division Total	44	36	665,289	481,889	72.43%	4,902
Belgaum	10	6	183,288	24,664	13.46%	90
Bijapur	5				#DIV/0!	
Bagalkote	6				#DIV/0!	
Dharwad	5	5	144,326	63,573	44.05%	571
Gadag	5	4	43,323	38,725	89.39%	505
Haveri	7	5	110,396	49,275	44.63%	588
U.Kannada	11	1	69,150	3,510	5.08%	20
Division Total	49	21	550,483	179,747	32.65%	1,774
Gulbarga	10	8	28,008	25,439	90.83%	1,243
Bellary	7	3	45,768	42,538	92.94%	106
Bidar	5	2	24,500	23,736	96.88%	456
Raichur	5	1	61,287	8,345	13.62%	48
Koppal	4				#DIV/0!	
Division Total	31	14	159,563	100,058	62.71%	1,853
State Total	175	109	2,058,936	1,276,444	62.00%	14,348

DANPCB, D.S.U., BANGALORE
National Programme for Control of Blindness

NO. OF H.Ws TRAINED BY DISTRICT, KARNATAKA: Dec'94 - Mar'2000

TABLE 7

Date: June 8, 2000

District	No. of Trgs Conducted	Total no. of H Ws	No. of H.Ws Trained	Expenditure			Expenditure/ Trainee
				DBCS	Other	Total	
Bangalore R	25	778	593	47,186	23,720	70,906	120
Bangalore U	18	507	364	37,602	14,560	52,162	143
Chitradurga	17	871	458	42,495	18,320	60,815	133
Kolar	30	904	738	59,612	29,520	89,132	121
Shimoga	18	758	658	46,853	26,320	73,173	111
Tumkur	14	912	319	29,566	12,760	42,326	133
Division Total	122	4,730	3,130	263,313	125,200	388,513	124
Mysore	36	1,333	1,233	92,436	49,320	141,756	115
Chikmagalur	17	535	486	43,620	19,440	63,060	130
D.Kannada	42	1,054	907	73,942	36,280	110,222	122
Hassan	23	799	485	52,536	19,400	71,936	148
Kodagu	9	285	253	21,485	10,120	31,605	125
Mandya	19	645	507	42,913	20,280	63,193	125
Division Total	146	4,651	3,871	326,931	154,840	481,771	124
Belgaum	6	1,130	158	13,768	6,320	20,088	127
Bijapur	19	1,091	413	30,287	16,520	46,807	113
Dharwad	49	1,272	928	112,266	37,120	149,386	161
U.Kannada	22	554	339	35,146	13,560	48,706	144
Division Total	96	4,047	1,838	191,467	73,520	264,987	144
Gulbarga	21	837	539	59,811	21,560	81,371	151
Bellary	27	723	479	54,157	19,160	73,317	153
Bidar	16	473	347	29,439	13,880	43,319	125
Raichur	5	889	106	4,149	4,240	8,389	79
Division Total	69	2,922	1,471	147,556	58,840	206,396	140
State Total	433	16,350	10,310	929,267	412,400	1,341,667	130

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National Programme for Control of Blindness

QUARTERLY EXPENDITURE BY DISTRICT : KARNATAKA 1999-2000

(1st April'99 to 31st Mar'2000)

Date: April 14, 2000

TABLE 8

DISTRICT	Opening Balance	Receipts	' EXPENSES '				Total Expenses	Balance
			Quarter 1	Quarter 2	Quarter 3	Quarter 4		
			(April+May+June)	(July+August + Sept)	(Oct+Nov+Dec)	(Jan+Feb+Mar)		
Bangalore R	75,486.87	1,123,778.00	74,112.01	326,474.49	110,793.04	641,203.88	1,152,583.42	46,681.45
Bangalore U	416,872.00	1,132,560.00	213,775.00	278,720.00	243,808.00	409,605.00	1,145,908.00	403,524.00
Chitradurga	616,338.58	314,727.00	218,065.72	382,712.55	19,023.00	63,257.80	683,059.07	248,006.51
Davanagere	0.00	568,969.00	0.00	6,636.53	15,824.12	35,664.79	58,125.44	510,843.56
Kolar	267,793.77	685,512.53	123,270.80	106,078.00	42,248.00	347,850.00	619,446.80	333,859.50
Shimoga	754,156.93	375,119.00	271,263.05	291,398.15	191,888.50	208,778.25	963,327.95	165,947.98
Tumkur	562,488.66	632,216.00	508,115.00	61,577.00	319,417.00	181,378.00	1,070,487.00	124,217.66
Division Total	2,693,136.81	4,832,881.53	1,408,601.58	1,453,596.72	943,001.66	1,887,737.72	5,692,937.68	1,833,080.66
Mysore	26,269.75	2,164,787.80	43,605.50	474,596.00	56,059.05	579,506.40	1,153,766.95	1,037,290.60
Chamarajnagar	30,500.00	472,585.00	30,238.70	240.00	99,379.50	106,012.60	235,870.80	267,214.20
Chikmagalur	506,778.84	816,005.00	212,135.60	216,960.15	135,583.65	341,065.80	905,745.20	417,038.64
D.Kannada	963,646.49	116,903.59	60,155.83	55,601.37	61,840.38	59,760.50	237,358.08	843,192.00
Udupi	0.00	500,000.00			0.00		0.00	500,000.00
Hassan	318,382.77	510,670.00	235,685.00	69,855.00	163,897.00	189,050.00	658,487.00	170,565.77
Kodagu	1,122,683.52	57,524.00	56,883.75	48,852.75	41,635.25	137,576.35	284,948.10	895,259.42
Mandya	545,237.34	362,027.00	230,154.02	186,906.84	164,315.85	155,730.86	737,107.57	170,156.77
Division Total	3,513,498.71	5,000,502.39	868,858.40	1,053,012.11	722,710.68	1,568,702.51	4,213,283.70	4,300,717.40
Belgaum	37,317.20	1,565,590.57	34,457.75	437,641.40	62,307.60	174,780.66	709,187.41	893,720.36
Bijapur	10,111.66	24,764.44	10,350.85	6,090.91	14,038.76	2,985.72	33,466.24	1,409.86
Bagalkote	0.00				0.00		0.00	0.00
Dharwad	4,383.04	1,126,030.00	24,671.00	420,232.00	49,981.00	125,275.00	620,159.00	510,254.04
Gadag	0.00	500,000.00		1,721.00	164,625.00	119,747.00	286,093.00	213,907.00
Haveri	500.00	500,000.00			158,507.00	44,076.00	202,583.00	297,917.00
U.Kannada	656,766.10	520,749.00	104,828.10	152,442.00	182,297.00	217,366.00	656,933.10	520,582.00
Division Total	709,078.00	4,237,134.01	174,307.70	1,018,127.31	631,756.36	684,230.38	2,508,421.75	2,437,790.26
Gulbarga	605,448.02	373,940.00	174,142.45	232,453.50	110,222.42	329,544.06	846,362.43	133,025.59
Bellary	214,387.00	1,300,000.00	196,775.00	63,518.00	503,331.00	631,340.00	1,394,964.00	119,423.00
Bidar	595,402.35	632,809.00	196,921.35	193,334.15	189,908.05	433,923.70	1,014,087.25	214,124.10
Raichur	402,835.10	314,997.00	144,315.00	139,528.05	47,971.90	197,391.33	529,206.28	188,625.82
Koppal	0.00				0.00		0.00	0.00
Division Total	1,818,072.47	2,621,746.00	712,153.80	628,833.70	851,433.37	1,592,199.09	3,784,619.96	655,198.51
State Total	8,733,785.99	16,692,263.93	3,163,921.48	4,153,569.84	3,148,902.07	5,732,869.70	16,199,263.09	9,226,786.83

National Programme for Control of Blindness

CATEGORY WISE EXPENDITURE BY DISTRICT : KARNATAKA 1999-2000

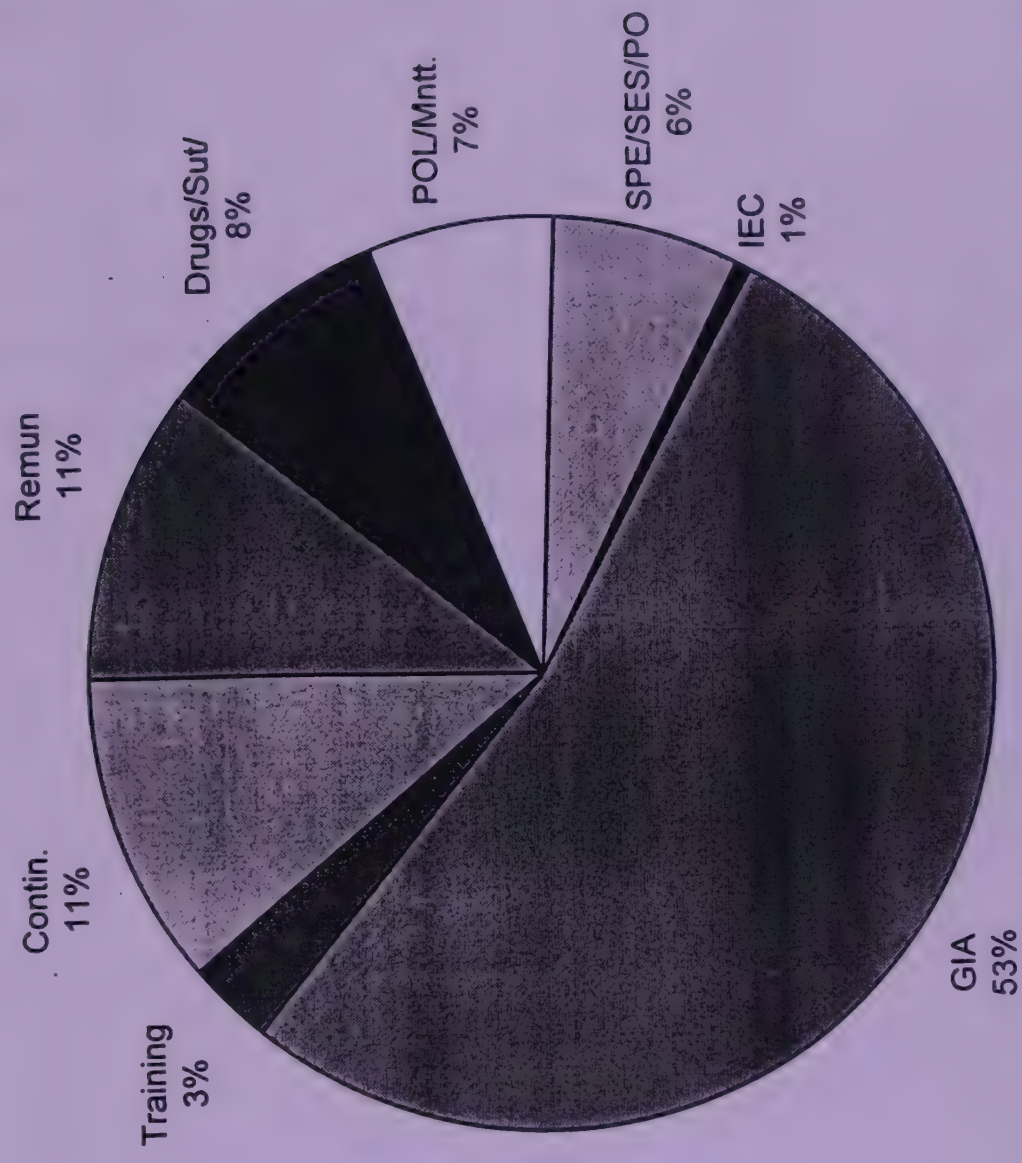
(1st April'99 to 31st Mar'2000)

Date : April 14, 2000

TABLE 9

District	Remun	Drugs/Sut/ Sharp.Ins	POL/Mntt.	SPE/SES/PO	IEC	GINA	Training	Contin.	Total
Bangalore R	80,000.00		30,863.17	32,700.00		936,600.00		72,420.25	1,152,583.42
Bangalore U	96,000.00	4,544.00	93,297.00	103,730.00	57,060.00	659,163.00	67,105.00	65,009.00	1,145,908.00
Chitradurga	40,000.00	162,100.94	33,194.16	16,588.65		319,705.00	45,159.00	66,311.32	683,059.07
Davanagere		15,301.50	10,902.44	5,647.00				26,274.50	58,125.44
Kolar	43,000.00	168,014.80	37,499.00	12,900.00		305,225.00		52,808.00	619,446.80
Shimoga	96,000.00	119,826.10	72,022.00	95,361.00	9,700.00	373,558.00	74,845.00	122,015.85	963,327.95
Tumkur	96,000.00	269,419.00	42,599.00	103,565.00		346,250.00	66,899.00	145,755.00	1,070,487.00
Division Total	451,000.00	739,206.34	320,376.77	370,491.65	66,760.00	2,940,501.00	254,008.00	550,593.92	5,692,937.68
Mysore	96,000.00	22,584.15	46,783.80	24,275.00	1,680.00	846,490.75	28,354.00	87,599.25	1,153,766.95
Chamarajnagar	9,500.00	4,361.85	4,241.55	31,905.00		147,502.00		38,360.40	235,870.80
Chikmagalur	96,000.00	42,489.60	76,688.95	53,435.00	4,251.00	517,531.00	22,645.00	92,704.65	905,745.20
D.Kannada	96,000.00		43,875.43	492.00	2,450.00			94,540.65	237,358.08
Udupi									0.00
Hassan	96,000.00	42,085.00	45,781.00	43,190.00		341,725.00		89,706.00	658,487.00
Kodagu	96,000.00	9,721.50	35,240.95	8,245.00	450.00	76,625.00		58,665.65	284,948.10
Mandya	96,000.00	9,110.00	53,621.63	1,200.00		441,570.00	35,755.50	99,850.44	737,107.57
Division Total	585,500.00	130,352.10	306,233.31	162,742.00	8,831.00	2,371,443.75	86,754.50	561,427.04	4,213,283.70
Belgaum	96,000.00	60,360.00	42,063.65	156,378.00		264,885.00		89,500.76	709,187.41
Bijapur			14,213.58					19,252.66	33,466.24
Bagalkote									
Dharwar	96,000.00		40,993.00	129,703.00		217,485.00		135,978.00	620,159.00
Gadag				6,675.00		273,066.00		6,352.00	286,093.00
Haveri				17,702.00		173,253.00		11,628.00	202,583.00
U.Kannada	96,000.00	93,153.00	75,539.00	15,374.00	4,615.00	180,398.85	54,461.00	137,392.25	656,933.10
Division Total	288,000.00	153,513.00	172,809.23	325,832.00	4,615.00	1,109,087.85	54,461.00	400,103.67	2,508,421.75
Gulbarga	89,000.00	76,995.64	95,877.37	18,660.00	4,020.00	434,000.00	73,841.25	53,968.17	846,362.43
Bellary	104,000.00	41,080.00	73,341.00	107,645.00	4,000.00	987,050.00		77,848.00	1,394,964.00
Bidar	96,000.00	144,678.90	47,010.85	59,055.00	4,260.00	563,499.50	11,259.00	88,324.00	1,014,087.25
Raichur	96,000.00	84,073.18	61,878.10	4,380.00	330.00	182,250.00	36,028.00	64,267.00	529,206.28
Koppal									0.00
Division Total	385,000.00	346,827.72	278,107.32	189,740.00	12,610.00	2,166,799.50	121,128.25	284,407.17	3,784,619.96
State Total	1,709,500.00	1,369,899.16	1,077,526.63	1,048,805.65	92,816.00	8,587,832.10	516,351.75	1,796,531.80	16,199,263.09

DBCS EXPENDITURE : KARNATAKA STATE: 1999-2000



TOTAL EXPEDNITURE : Rs.16,199,263.09

National Programme for Control of Blindness
NO. OF BHEs AND MOs TRAINED IN KARNATAKA
(FROM AUG' 95 TO MAR'2000)

TABLE 10

Date : April 14, 2000

HFWTC NAME	Trg.conducted	No. of BHEs	Trg. conducted	No. of MOs
	for BHEs	trained	for MOs	trained
BANGALORE	13	147	17	230
MANDYA	1	17	0	0
HUBLI	10	157	7	115
GULBARGA	5	61	8	99
TOTAL	29	382	32	444

Ophthalmic Equipment, Vehicle & Consumables for Karnataka

Sl.No	Place	Vitreotomy Units		Slit Lamps		Ophthalmoscope		Operating Microscope		A- Scan		Keratometer		Streak Retinoscope	
		KHSDP	Danpcb/GOI	KHSDP	Danpcb/GOI	KHSDP	Danpcb/GOI	KHSDP	Danpcb/GOI	KHSDP	Danpcb/GOI	KHSDP	Danpcb/GOI	KHSDP	Danpcb/GOI
1	Chitradurga		1	1		1		1			1				1
2	Tumkur		1	1		1			1		1				1
3	Dharwad		1	1		1		1			1				1
4	Mangalore		1	1		1		1			1				1
5	Kolar		1	1		1		1			1				1
6	Hassan		1			1		1			1				1
7	Kodagu		1			1		1			1				1
8	Mandya		1			1		1			1				1
9	Uttar Kanada		1			1		1			1				1
10	Bijapur		1			1			1		1				1
11	Bangalore(R)		1			1			1		1				1
12	Bangalore (U)		1			1			1		1				1
13	Belgaum		1			1			1		1				1
14	Bellary		1			1			1		1				1
15	Bidar		1			1			1		1				1
16	Chickmagalur		1			1			1		1				1
17	Gulbarga		1			1			1		1				1
18	Mysore		1			1			1		1				1
19	Raichur		1			1			1		1				1
20	Shimoga		1			1			1		1				1
21	Udipi		1			1			1		1				1
22	Haveri		1			1			1		1				1
23	Gadag		1			1			1		1				1
24	Koppal		1			1			1		1				1
25	Davangare		1			1			1		1				1
26	Bagalkot		1			1			1		1				1
27	Chamarajnagar		1			1			1		1				1
	Total nos.	0	27	5	22	11	16	11	16	0	26	0	27	0	27
	Estimated Cost	Rs. 20000		Rs. 30000		Rs. 5000		Rs. 250000		Rs. 150000		Rs. 12000		Rs. 4500	
	Total Cost	Rs.540000		Rs.660000		Rs.80000		Rs.4000000		Rs. 3900000		Rs. 324000		Rs. 121500	

A = Ophthalmic Equipment (as above) Rs. 9 625 500
B = Vehicle (2 DMU's & 7DBC's) Rs. 3 600 000
C = Intra ocular Lens Rs. 1 500 000
D = Sutures (40 000) Rs. 4 800 000
Grand Total Rs. 19 525 500

Month / Year _____

DACS

10

RECEIPTS AND EXPENDITURE

	During the month	Till last month	Total
I. OPENING BALANCE			
II. RECEIPTS			
1. GOI Grants			
2. Interest			
3. Other Receipts			
4. Loan (+/-)			
TOTAL INCOME			
III. EXPENDITURE			
1. Remuner. DPM			
2. Consumables			
Drugs			
Sutures			
Sharp Instrumnts			
Total			
3. POL / Maintt.			
4. Spectacles			
SES			
Post Operative			
Total			
5. IEC			
6. GIA to NGO			
Cat A			
Cat B			
Cat C			
Total			
7. Training			
8. Contingency			
TA / DA			
Wages			
Administration			
Non Consumab.			
Total			
TOTAL EXPENDITURE			
BALANCE			

Date

Signature of DPM

Summary of PMOA Cataract Screening Register

(For use in district with computerised MIS only - to be submitted to DPM / DHO after PMOA screening is complete)

Sub Centre : _____ PHC : _____ Month : _____ Year : _____

Taluk : _____ District : _____ Name of PMOA : _____

Sr No	Village		Population	No in Village Blind Register	No. Screened by PMOA	No. Confirmed Cataract Cases					
	Name	Code				Males	Females	SC	ST	Bilateral	
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
	Total										



NATIONAL PROGRAMME FOR CONTROL OF BLINDNESS
DBCS - QUARTERLY MONITORING FORMAT
 (To be sent in July, Oct, Jan, April)

State District :
 Reporting Year : - Quarter : Annual Target :

CHARACTER PERFORMANCE

FACILITY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
MEDICAL COLL													
ST HOSPITAL													
MU/DMU													
GO													
VT PRACT.													
OTHERS													
TOTAL													
PROG. TOTAL													

SCHOOL EYE SCREENING (SES) PERFORMANCE

INDICATORS	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
No. of teachers trained in screening for refractive errors					
No. of school going children screened					
No. of school going children detected with refractive errors					
No. of school going children provided free glasses					

(Date & Signature of DPM)

CATARACT SURGERY RECORD

A. PATIENT NAME :

Registration No.:

Address :

Sex : male ☐ female ☐

.....

Category : Gen./SC/ST/OBC

Taluka : District :

Age : in years

B. PRE-OPERATIVE EXAMINATION :

Right Eye

Left Eye

VISUAL ACUITY :
(with available glasses)

..... <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/>
RE	LE

OCULAR DIAGNOSIS : (mark ✓)

cataract
aphakia/pseudophakia
other pathology
no pathology

<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>	<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>
<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>	<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>
<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>	<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>
<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>	<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>
<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>	<input style="width: 30px; height: 20px; border: 1px solid black;" type="checkbox"/>

EYE TO BE OPERATED :

CLINICAL DATA :

KEY FOR VISUAL ACUITY

Category	can see	cannot see
1	6/18	-
2	6/60	6/18
3	3/60	6/60
4	1/60	3/60
5	PL+/PR+	1/60
6	-	PL-

C. SURGERY :

Date of Operation :

Place of Operation

Camp ☐ Hospital ☐

TYPE OF OPERATION : (mark ✓)

ICCE + Spectacles ☐
 ICCE+AC-IOL ☐
 ECCE+Spectacles ☐
 ECCE+PC-IOL ☐
 Other Technique ☐

D. COMPLICATIONS : (mark ✓)

Vitreous Loss ☐
 Iris Prolapse ☐
 Infection ☐
 Others : ☐
 No Complications ☐

E. FOLLOW-UP :

Date:

Right Eye

Left Eye

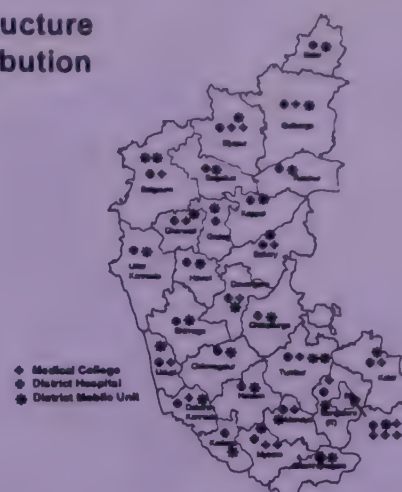
Sph.	Cyl.	Axis	VA	Sph.	Cyl.	Axis	VA
<input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 40px; height: 20px; border: 1px solid black;" type="text"/>

Name & Signature of Eye Surgeon

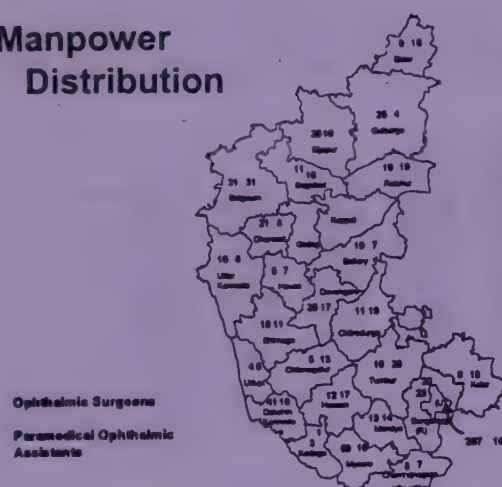
National Programme for Control of Blindness

Karnataka

Infrastructure Distribution



Manpower Distribution



Demography

Population (1991)	45 million
Districts	27
Rural	69%
Urban	31%

Health & Eye Care facility

Medical College	20
District Hospital	27
District Mobile Units	30
Oph Surgeons	670
PMOAs	316
Eye Beds	3350

Check figures

DBCSs : Karnataka

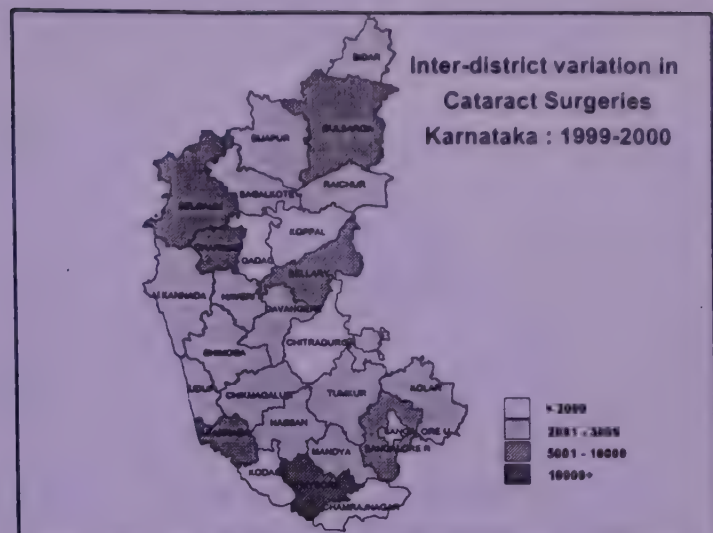
- Pilot district 1990
- Full State in 1994
- Full members
- Full time DPM
- Change of system

Prevalence of Cataract Blindness 50+ : 1995

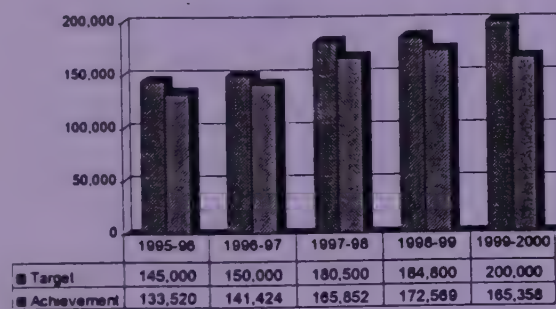
	Persons %	Eyes %
VA < 6/60	8.82	14.25
VA < 3/60	4.93	9.31
Surgical Coverage <3/60	62.0	35.4

Major Barriers to Cataract Surgery

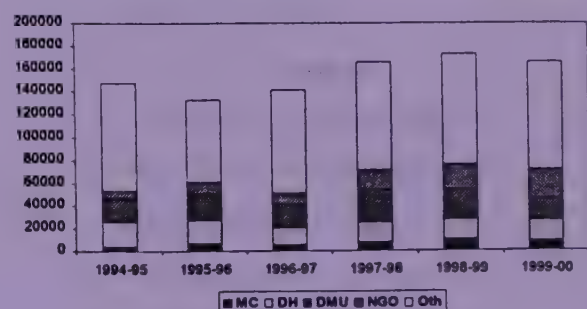
Not yet mature	24%
No one to accompany	22%



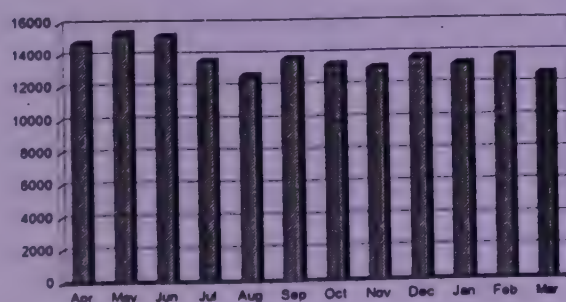
Target & Achievement of Cataract Operations :1996-2000



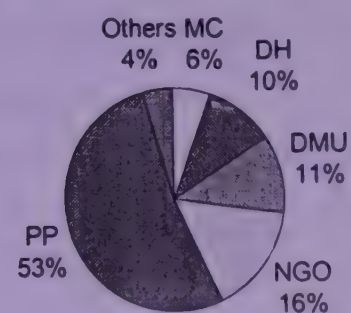
Karnataka : 1995-2000 Cataract Surgical Performance



Karnataka : 1999-2000 Cataract Surgical Performance



Unit wise Output of Cataract Operations : 1999-2000

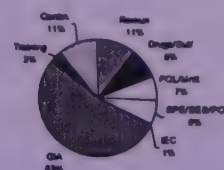


Total : 1,65,358

Budget Allocation for Eye Care (Rupees in lakhs)

	97-98	98-99	99-2000
CSS	27	61.2	48
DBCS	132.8	178.3	159.7
Plan	69.6	147	160.5
Total	229.4	386.5	368.2

DBCS Expenditure : 1999-2000



Total Expenditure : Rs.16,199,263.09

Salient Features

- SOC / DSU integration
- SOC Upgradation
- DBCS Internalisation
- ↑ IOL
- ↑ Institutional Output
- Integration of SES
- IEC by System Support
- NGO Networking

Other Activities

- Reviews
- Micro Planning
- IOL Training
- Equipment Upgradation
- IEC - Revised strategy
- SES - Revised strategy
- MIS Standard Formats
- Equipment Repairs Training

Micro Planning

- Village Blind Register (VBR)
- Resource Mapping
- Base Surgical Centres
- Fixed Time Table
- Targets to Surgical Centres

Contd....

Micro Planning

- Prevalence based Target
- Area specific IEC
- Involvement of Non-Programme Personnel
- Budget Proposals

IEC

- State, District level working group
- GOI prototype material being used
- Qualitative assessment done

Training

- All DPMs trained
- > 25 OS in IOL
- 30 more in pipe line
- 8 KHSDP engineers on equipment repairs
- 59 PMOAs basic training

SES (1999-2000)

Total Talukas Covered 109
Total Children Screened 1.2 million
Total Spectacles provided 14348

- ↓ Coverage
- Integration Proposed

MIS

- Divisional integrated review
- DBCSs basic formats revised
- VBR linkage
- Quality outcome feed back
- SSU
- Micro Planning
- OS Profile

Equipment, tools

- 6 Standard sets for all districts
- DBCS to buy minor sets
- IOL / Sutures central supply
- More budget sought

SOC

- New office & furniture
- SOC / DSU integrated
- Vacancies being filled
- National Consultant
- Integrated resource plan

Future Proposals

- Upgradation of Medical Colleges & RIO
- PMOA training (basic / refresher)
- SES Integration
- Upgradation of fixed surgical centres
- One centre for Community Ophthalmology HRD (Govt or NGO)

Future Proposals

Cont...

- Recommendation of MRC, Mysore & MM Joshi hospitals as IOL training centres to GOI
- IEC integration
- Impact evaluation on NPCB activities

Constraints

- Irregular Funds Flow from GOI
- Lack of IOL Trained Manpower
- Equipment Upgradation
- PMOA orientation on Revised strategy

Please add more if needs be

